

L Number	Hits	Search Text	DB	Time stamp
1	3831	((gas or gases) and ((oxirane) or (ethylene adj oxide) or (ethyleneoxy) or (1,2-epoxyethane) or (dimethylene adj oxide) or (epoxyethane) or (ethene adj oxide) or (oxane))) and terephthalate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/20 14:49
8	582786	polypropylene or polyethylene	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/20 14:50
15	3472	((((gas or gases) and ((oxirane) or (ethylene adj oxide) or (ethyleneoxy) or (1,2-epoxyethane) or (dimethylene adj oxide) or (epoxyethane) or (ethene adj oxide) or (oxane))) and terephthalate ) and (polypropylene or polyethylene )	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/20 14:50
22	538015	(silicon adj oxide) or (silicon adj dioxide) or ("sio.sub.2") or ("sio2") or (sio2) or (silica)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/20 14:52
29	1512	((silicon adj oxide) or (silicon adj dioxide) or ("sio.sub.2") or ("sio2") or (sio2) or (silica) ) and (((gas or gases) and ((oxirane) or (ethylene adj oxide) or (ethyleneoxy) or (1,2-epoxyethane) or (dimethylene adj oxide) or (epoxyethane) or (ethene adj oxide) or (oxane))) and terephthalate ) and (polypropylene or polyethylene ))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/20 14:52
36	569532	lamina\$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/20 14:56
43	684	lamina\$ and (((silicon adj oxide) or (silicon adj dioxide) or ("sio.sub.2") or ("sio2") or (sio2) or (silica) ) and (((gas or gases) and ((oxirane) or (ethylene adj oxide) or (ethyleneoxy) or (1,2-epoxyethane) or (dimethylene adj oxide) or (epoxyethane) or (ethene adj oxide) or (oxane))) and terephthalate ) and (polypropylene or polyethylene )))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/20 14:56
50	960973	decontaminat\$ or disinfect\$ or deodoriz\$ or sterili\$ or saniti\$ or clean\$ or treat\$	USPAT	2002/02/20 14:59
51	576	(decontaminat\$ or disinfect\$ or deodoriz\$ or sterili\$ or saniti\$ or clean\$ or treat\$ ) and (lamina\$ and (((silicon adj oxide) or (silicon adj dioxide) or ("sio.sub.2") or ("sio2") or (sio2) or (silica) ) and (((gas or gases) and ((oxirane) or (ethylene adj oxide) or (ethyleneoxy) or (1,2-epoxyethane) or (dimethylene adj oxide) or (epoxyethane) or (ethene adj oxide) or (oxane))) and terephthalate ) and (polypropylene or polyethylene ))))	USPAT	2002/02/20 14:59
52	136463	barrier	USPAT	2002/02/20 14:59

L Number	Hits	Search Text	DB	Time stamp
1	99553	(oxirane) or (ethylene adj oxide) or (ethyleneoxy) or (1,2-epoxyethane) or (dimethylene adj oxide) or (epoxyethane) or (ethene adj oxide) or (oxane)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/20 14:23
8	582786	polypropylene or polyethylene	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/20 14:24
15	110221	terephthalate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/20 14:28
22	538015	(silicon adj oxide) or (silicon adj dioxide) or ("sio.sub.2") or ("sio2") or (sio2) or (silica)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/20 14:32
29	1933917	gas or gases	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/20 14:34
36	29151	(gas or gases) and ((oxirane) or (ethylene adj oxide) or (ethyleneoxy) or (1,2-epoxyethane) or (dimethylene adj oxide) or (epoxyethane) or (ethene adj oxide) or (oxane))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/20 14:35
43	3831	((gas or gases) and ((oxirane) or (ethylene adj oxide) or (ethyleneoxy) or (1,2-epoxyethane) or (dimethylene adj oxide) or (epoxyethane) or (ethene adj oxide) or (oxane))) and terephthalate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/20 14:41

L Number	Hits	Search Text	DB	Time stamp
1	99553	(oxirane) or (ethylene adj oxide) or (ethyleneoxy) or (1,2-epoxyethane) or (dimethylene adj oxide) or (epoxyethane) or (ethene adj oxide) or (oxane)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/20 14:23
8	582786	polypropylene or polyethylene	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/20 14:24
15	110221	terephthalate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/20 14:28
22	538015	(silicon adj oxide) or (silicon adj dioxide) or ("sio.sub.2") or ("sio2") or (sio2) or (silica)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/20 14:32
29	1933917	gas or gases	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/20 14:34
36	29151	(gas or gases) and ((oxirane) or (ethylene adj oxide) or (ethyleneoxy) or (1,2-epoxyethane) or (dimethylene adj oxide) or (epoxyethane) or (ethene adj oxide) or (oxane))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/20 14:35

53	150	barrier and ((decontaminat\$ or disinfect\$ or deodoriz\$ or sterili\$ or saniti\$ or clean\$ or treat\$ ) and (lamina\$ and (((silicon adj oxide) or (silicon adj dioxide) or ("sio.sub.2") or ("sio2") or (sio2) or (silica) ) and (((gas or gases) and ((oxirane) or (ethylene adj oxide) or (ethyleneoxy) or (1,2-epoxyethane) or (dimethylene adj oxide) or (epoxyethane) or (ethene adj oxide) or (oxane))) and terephthalate ) and (polypropylene or polyethylene )))))	USPAT	2002/02/20 15:00
54	1300	ethylene adj oxide adj gas	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/20 15:51
89	12	(ethylene adj oxide adj gas) and (barrier and ((decontaminat\$ or disinfect\$ or deodoriz\$ or sterili\$ or saniti\$ or clean\$ or treat\$ ) and (lamina\$ and (((silicon adj oxide) or (silicon adj dioxide) or ("sio.sub.2") or ("sio2") or (sio2) or (silica) ) and (((gas or gases) and ((oxirane) or (ethylene adj oxide) or (ethyleneoxy) or (1,2-epoxyethane) or (dimethylene adj oxide) or (epoxyethane) or (ethene adj oxide) or (oxane))) and terephthalate ) and (polypropylene or polyethylene )))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/02/20 15:53

Sachet  
 Pacc  
 Package  
 Pouch  
 multi-package  
 web  
 impermeable  
 barrier  
 Lamina\$  
 layer or layers  
 multi-layer  
 film or films  
 membrane or membranes  
 UHMW

FILE 'HOME' ENTERED AT 14:03:12 ON 20 FEB 2002

=> file registry

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.15

0.15

FILE 'REGISTRY' ENTERED AT 14:03:25 ON 20 FEB 2002

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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STRUCTURE FILE UPDATES: 19 FEB 2002 HIGHEST RN 393780-00-2

DICTIONARY FILE UPDATES: 19 FEB 2002 HIGHEST RN 393780-00-2

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES  
for more information. See STN Note 27, Searching Properties in the CAS

Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

The P indicator for Preparations was not generated for all of the  
CAS Registry Numbers that were added to the H/Z/CA/CAplus files between  
12/27/01 and 1/23/02. Use of the P indicator in online and SDI searches  
during this period, either directly appended to a CAS Registry Number  
or by qualifying an L-number with /P, may have yielded incomplete results.  
As of 1/23/02, the situation has been resolved. Also, note that searches  
conducted using the PREP role indicator were not affected.

Customers running searches and/or SDIs in the H/Z/CA/CAplus files  
incorporating CAS Registry Numbers with the P indicator between 12/27/01  
and 1/23/02, are encouraged to re-run these strategies. Contact the  
CAS Help Desk at 1-800-848-6533 in North America or 1-614-447-3698,  
worldwide, or send an e-mail to [help@cas.org](mailto:help@cas.org) for further assistance or to  
receive a credit for any duplicate searches.

=> s silicon oxide/cn

L1 2 SILICON OXIDE/CN

=> d

L1 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2002 ACS

RN 11126-22-0 REGISTRY

CN Silicon oxide (9CI) (CA INDEX NAME)

MF O . Si

CI TIS

LC STN Files: AGRICOLA, ANABSTR, BIOBUSINESS, BIOSIS, BIOTECHNO, CA,  
CAPLUS, CASREACT, CBNB, CEN, CHEMLIST, CIN, CSNB, EMBASE, IFICDB,  
IFIPAT, IFIUDB, PIRA, PROMT, TOXCENTER, TOXLIT, USPAT2, USPATFULL

Other Sources: EINECS\*\*

(\*\*Enter CHEMLIST File for up-to-date regulatory information)

Component	Ratio	Component
-----------	-------	-----------

		Registry Number
O	x	17778-80-2
Si	x	7440-21-3

4434 REFERENCES IN FILE CA (1967 TO DATE)

86 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

4435 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> s silicon dioxide/cn

L2 1 SILICON DIOXIDE/CN

=> d

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS

RN 7631-86-9 REGISTRY

CN Silica (7CI, 8CI, 9CI) (CA INDEX NAME)

OTHER NAMES:

CN 1165MP  
 CN 300CF  
 CN 30R50  
 CN 30R7  
 CN 3K  
 CN 3KS  
 CN 400WQ  
 CN 5X  
 CN 937L  
 CN 940UP  
 CN 955W  
 CN 980H  
 CN A 175  
 CN A 200  
 CN A 300  
 CN A 380  
 CN Acematt HK 400  
 CN Acematt OK 607  
 CN Acticel  
 CN Adelite 20N  
 CN Adelite 30  
 CN Adelite A  
 CN Adelite AD 321  
 CN Adelite AT  
 CN Adelite AT 20  
 CN Adelite AT 20A  
 CN Adelite AT 20N  
 CN Adelite AT 20Q  
 CN Adelite AT 20S  
 CN Adelite AT 30  
 CN Adelite AT 30A  
 CN Adelite AT 30B  
 CN Adelite AT 30S  
 CN Adelite AT 40  
 CN Adelite AT 50  
 CN Adelite BT 55  
 CN Adelite BT 59  
 CN Adelite CT 100  
 CN Adelite CT 300  
 CN Admafaine C 5  
 CN Admafaine SD 25R  
 CN Admafaine SE 5100  
 CN Admafaine SO-C 1

CN Admafine SO-C 5  
CN Admafine SO-E 1  
CN Admafine SO-E 2  
CN Admafine SO-E 5  
CN Admatechs SO-E 2  
CN Aerogel 200  
CN Aerogel A 200  
CN **Silicon dioxide**

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for  
DISPLAY

FS 3D CONCORD

DR 11139-72-3, 11139-73-4, 12125-13-2, 12737-36-9, 12753-63-8, 12765-74-1,  
12774-28-6, 9049-77-8, 1340-09-6, 172306-09-1, 173299-41-7, 127689-16-1,  
127831-27-0, 126879-14-9, 126879-30-9, 126879-49-0, 53468-64-7,  
125623-17-8, 56645-27-3, 56731-06-7, 122985-48-2, 55599-33-2, 60572-11-4,  
62655-73-6, 97343-62-9, 97709-14-3, 98226-40-5, 98253-25-9, 67167-16-2,  
113384-41-1, 50813-13-3, 50926-93-7, 50935-83-6, 51542-57-5, 51542-58-6,  
61673-46-9, 108727-71-5, 136881-80-6, 37220-24-9, 37241-25-1, 37334-65-9,  
37340-45-7, 37380-93-1, 139074-73-0, 137263-03-7, 145686-91-5,  
145808-77-1, 70536-23-1, 70563-35-8, 78207-17-7, 146585-72-0, 152787-33-2,  
155552-25-3, 155575-05-6, 83589-56-4, 83652-92-0, 149779-02-2, 87501-59-5,  
89493-21-0, 39336-66-8, 39372-58-2, 39409-25-1, 39443-40-8, 39456-81-0,  
52350-43-3, 179046-03-8, 179733-77-8, 185461-90-9, 188357-77-9,  
191289-29-9, 206770-31-2, 207868-97-1, 264907-28-0, 341028-71-5

MF O2 Si

CI COM

LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BIOBUSINESS,  
BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB,  
CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB,  
DDFU, DETHERM\*, DIOGENES, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2,  
ENCOMPAT, ENCOMPAT2, GMELIN\*, HSDB\*, IFICDB, IFIPAT, IFIUDB, IPA,  
MEDLINE, MRCK\*, MSDS-OHS, NAPRALERT, NIOSHTIC, PHARMASEARCH, PIRA,  
PROMT, RTECS\*, TOXCENTER, TOXLIT, TULSA, ULIDAT, USAN, USPAT2,  
USPATFULL, VETU, VTB

(\*File contains numerically searchable property data)

Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*

(\*\*Enter CHEMLIST File for up-to-date regulatory information)

O=Si=O

230364 REFERENCES IN FILE CA (1967 TO DATE)

4586 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

230840 REFERENCES IN FILE CAPLUS (1967 TO DATE)

1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s polypropylene/cn

L3 1 POLYPROPYLENE/CN

=> d

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS

RN 9003-07-0 REGISTRY

CN 1-Propene, homopolymer (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 001PF

CN 03P10/01

CN 04P10/01

CN 05P10-040

CN 1-Propene polymer

CN 1080F  
 CN 1148TC  
 CN 1184L  
 CN 1200FH  
 CN 120SPW-L  
 CN 12: PN: US20010014448 PAGE: 12 claimed sequence  
 CN 13T10A  
 CN 1501F  
 CN 150AG3  
 CN 19MN10  
 CN 1EPP  
 CN 2000C  
 CN 2000C (polyolefin)  
 CN 202E  
 CN 215H  
 CN 219D  
 CN 21E953E866  
 CN 230M4  
 CN 243.4A  
 CN 24MB200  
 CN 260LLG202  
 CN 3030BN1  
 CN 3050BN1  
 CN 3050MNI  
 CN 30AT  
 CN 33MW247  
 CN 3435RG  
 CN 3501F  
 CN 3502L  
 CN 3701T  
 CN 4048PP  
 CN 40AT  
 CN 40RL01  
 CN 413S  
 CN 4200E  
 CN 4352E1  
 CN 4500J  
 CN 4506JP  
 CN 4700JG  
 CN 4800JG  
 CN 50RXC7  
 CN 51S07A  
 CN 5824S  
 CN 598A  
 CN 5A08

CN Daiapolymer MA 3

CN Polypropylene

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for  
 DISPLAY

DR 9044-59-1, 162731-35-3, 171903-39-2, 122933-37-3, 53664-32-7, 58318-95-9,  
 131801-18-8, 123243-04-9, 60440-68-8, 132823-57-5, 133757-66-1,  
 95751-29-4, 104625-25-4, 37329-03-6, 37370-57-3, 112024-68-7, 139465-75-1,  
 73989-50-1, 144855-91-4, 76560-78-6, 148464-77-1, 143710-36-5, 52440-18-3,  
 52622-64-7, 156680-70-5, 169741-70-2, 178535-67-6, 186777-48-0,  
 220286-70-4, 262610-59-3, 268745-65-9, 301161-99-9, 313471-92-0,  
 343259-03-0

MF (C3 H6)x

CI PMS, COM

PCT Polyolefin

LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ASMDATA\*,  
 BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CAPLUS, CASREACT, CBNB, CEN,  
 CHEMCATS, CHEMLIST, CHEMSAFE, CIN, CSCHM, CSNB, DDFU, DETHERM\*,



DIogenES, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2,  
HSDB\*, IFICDB, IFIPAT, IFIUDb, IPA, MEDLINE, MRCK\*, MSDS-OHS, NIOSHTIC,  
PDLCOM\*, PIRA, PLASPEC\*, PROMT, RTECS\*, TOXCENTER, TOXLIT, TULSA,  
ULIDAT, USAN, USPAT2, USPATFULL, VTB  
(\*File contains numerically searchable property data)  
Other Sources: DSL\*\*, TSCA\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)

CM 1

CRN 115-07-1  
CMF C3 H6

$\text{H}_3\text{C}-\text{CH}=\text{CH}_2$

77193 REFERENCES IN FILE CA (1967 TO DATE)  
5183 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
77296 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> s (polyethylene/cn  
L4 -1 POLYETHYLENE/CN

=> d

L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS  
RN 9002-88-4 REGISTRY  
CN Ethene, homopolymer (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 0134M  
CN 04052N  
CN 04452N  
CN 0488G  
CN 05054P  
CN 08064N  
CN 08065E  
CN 09054N  
CN 10062N  
CN 100J  
CN 104A1  
CN 107-02K  
CN 107-61K  
CN 10780-64A  
CN 10A  
CN 10P  
CN 10X  
CN 110J  
CN 112A  
CN 1150D  
CN 120J  
CN 120J (polyolefin)  
CN 130J  
CN 153-01K  
CN 1550P  
CN 15817B  
CN 16MA400  
CN 16SP0  
CN 16SPO  
CN 1700J  
CN 175K

CN 1810H  
CN 1812E  
CN 186R  
CN 18D  
CN 19E  
CN 19E (polyolefin)  
CN 1C7A  
CN 1F7B  
CN 1I2A  
CN 1I2A1  
CN 1I50A  
CN 1IA1  
CN 2010HF  
CN 204-07K  
CN 2040MN55  
CN 2070ML60  
CN 2100GP  
CN 2100J  
CN 2100JH  
CN **Polyethylene**

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for  
DISPLAY

DR 12728-29-9, 9041-32-1, 9082-15-9, 11098-28-5, 11119-24-7, 11119-25-8,  
177529-72-5, 177771-90-3, 177893-37-7, 163751-84-6, 174594-04-8,  
126040-16-2, 126040-17-3, 126879-40-1, 53238-84-9, 53568-47-1, 53850-97-8,  
58391-66-5, 56833-20-6, 57158-09-5, 64296-52-2, 62449-67-6, 63100-66-3,  
101484-63-3, 101484-75-7, 101484-82-6, 95327-26-7, 95918-19-7, 95918-26-6,  
103843-11-4, 66797-04-4, 66829-22-9, 106705-26-4, 113690-26-9,  
114013-55-7, 51274-11-4, 51329-76-1, 51329-83-0, 114451-17-1, 136958-80-0,  
37310-97-7, 37331-40-1, 37349-69-2, 37353-94-9, 112821-11-1, 67383-00-0,  
67462-86-6, 73730-00-4, 73989-65-8, 74238-84-9, 74238-85-0, 74238-87-2,  
74812-17-2, 70431-24-2, 71212-21-0, 142985-61-3, 150632-74-9, 79818-93-2,  
86089-97-6, 86168-38-9, 81544-07-2, 81604-67-3, 87521-12-8, 91449-15-9,  
91728-25-5, 39307-01-2, 39421-91-5, 52434-22-7, 110736-46-4, 156799-29-0,  
160612-77-1, 161051-67-8, 183076-46-2, 184182-05-6, 187175-95-7,  
189120-95-4, 202876-24-2, 211174-40-2, 211866-91-0, 211866-97-6,  
212134-14-0, 213018-57-6, 214692-40-7, 220674-43-1, 253608-55-8,  
273402-64-5, 286388-87-2

MF (C2 H4)x

CI PMS, COM

PCT Polyolefin

LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, ASMDATA\*, BIOBUSINESS, BIOSIS,  
BIOTECHNO, CA, CABA, CANCERLIT, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS,  
CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DDFU, DETHERM\*,  
DIOGENES, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2,  
IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK\*, MSDS-OHS, NIOSHTIC,  
PDLCOM\*, PIRA, PLASPEC\*, PROMT, RTECS\*, SYNTHLINE, TOXCENTER, TOXLIT,  
TULSA, USPAT2, USPATFULL, VTB

(\*File contains numerically searchable property data)

Other Sources: DSL\*\*, TSCA\*\*

(\*\*Enter CHEMLIST File for up-to-date regulatory information)

CM 1

CRN 74-85-1

CMF C2 H4

H<sub>2</sub>C=CH<sub>2</sub>

10163 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
135089 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> s polyethylene terephthalate/cn  
L5 0 POLYETHYLENE TEREPHTHALATE/CN

=> s polyethylene terephthalate  
6706 POLYETHYLENE  
1 TEREPHTHALATE  
L6 0 POLYETHYLENE TEREPHTHALATE  
(POLYETHYLENE (W) TEREPHTHALATE)

=> d  
L6 HAS NO ANSWERS  
L6 0 SEA FILE=REGISTRY ABB=ON PLU=ON POLYETHYLENE TEREPHTHALATE

=> s nylon/cn  
L7 2 NYLON/CN

=> d

L7 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2002 ACS  
RN 63428-84-2 REGISTRY \*

\* Use of this CAS Registry Number alone as a search term in other STN files may  
result in incomplete search results. For additional information, enter HELP  
RN\* at an online arrow prompt (=>).

CN Polyamide fibers (CA INDEX NAME)

OTHER NAMES:

CN 23K  
CN 23K (fiber)  
CN 23KHTC  
CN 23KNTS  
CN 5423APP  
CN Acids, polyamides  
CN Aeron  
CN Aeron (fiber)  
CN Agilon  
CN Agilon D  
CN Amino acids, polyamides  
CN Arenka 900  
CN Arenka 930  
CN Artslon  
CN Banlon  
CN Belima  
CN Bri-Nylon  
CN Cadon  
CN Cadon (fiber)  
CN Cantrece  
CN Caprolan  
CN Caprolan (polyamide)  
CN Carboxylic acids, polyamides  
CN Celon  
CN Cerex  
CN Chemlon 67/16  
CN Chemlon VPK  
CN Cordora  
CN Dederon  
CN Dedotex  
CN Durette  
CN Dynac LNS 0060

CN Elastik  
CN Elastik (fiber)  
CN Elastil  
CN Elder  
CN Elder (fiber)  
CN Eltas N 1020  
CN Eltas N 1030  
CN Eltas N 1040  
CN Eltas N 1050  
CN Ethilon  
CN F-PA 222/040  
CN F-PA 230/040  
CN F-PA 240/040  
CN Fenilon fibers  
CN Flawil  
CN Forlien  
CN FS 2117  
CN Fypro  
CN **Nylon**

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for  
DISPLAY

DR 65546-93-2

MF Unspecified

CI PMS, MAN, CTS

PCT Manual registration

LC STN Files: ADISNEWS, AGRICOLA, BIOSIS, BIOTECHNO, CA, CAPLUS, CHEMLIST,  
CIN, CSCHEM, DIOGENES, EMBASE, MEDLINE, PDLCOM\*, TOXCENTER, TULSA  
(\*File contains numerically searchable property data)

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

=> s {polyvinyl alcohol/cn  
L8 0 POLYVINYL ALCOHOL/CN

=> s {polyvinyl alcohol  
101 POLYVINYL  
22635 ALCOHOL  
590 ALCOHOLS  
22635 ALCOHOL  
(ALCOHOL OR ALCOHOLS)  
L9 25 POLYVINYL ALCOHOL  
(POLYVINYL(W)ALCOHOL)

=> d

L9 ANSWER 1 OF 25 REGISTRY COPYRIGHT 2002 ACS

RN 351525-48-9 REGISTRY

CN Ethenol, homopolymer, hydrogen pentanedioate (9CI) (CA INDEX NAME)

OTHER NAMES:

CN **Polyvinyl alcohol hydrogen glutarate**

MF C5 H8 O4 . x (C2 H4 O)x

PCT Polyvinyl

SR CA

LC STN Files: CA, CAPLUS, TOXLIT

CM 1

CRN 110-94-1

CMF C5 H8 O4

$\text{HO}_2\text{C}-(\text{CH}_2)_3-\text{CO}_2\text{H}$

CM 2

CRN 9002-89-5  
CMF (C2 H4 O) x  
CCI PMS

CM 3

CRN 557-75-5  
CMF C2 H4 O

$\text{H}_2\text{C}=\text{CH}-\text{OH}$

1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

FILE 'HOME' ENTERED AT 13:41:28 ON 20 FEB 2002

=> file registry

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.15

0.15

FILE 'REGISTRY' ENTERED AT 13:41:49 ON 20 FEB 2002

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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STRUCTURE FILE UPDATES: 19 FEB 2002 HIGHEST RN 393780-00-2

DICTIONARY FILE UPDATES: 19 FEB 2002 HIGHEST RN 393780-00-2

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES  
for more information. See STN Note 27, Searching Properties in the CAS  
Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

The P indicator for Preparations was not generated for all of the  
CAS Registry Numbers that were added to the H/Z/CA/CAplus files between  
12/27/01 and 1/23/02. Use of the P indicator in online and SDI searches  
during this period, either directly appended to a CAS Registry Number  
or by qualifying an L-number with /P, may have yielded incomplete results.  
As of 1/23/02, the situation has been resolved. Also, note that searches  
conducted using the PREP role indicator were not affected.

Customers running searches and/or SDIs in the H/Z/CA/CAplus files  
incorporating CAS Registry Numbers with the P indicator between 12/27/01  
and 1/23/02, are encouraged to re-run these strategies. Contact the  
CAS Help Desk at 1-800-848-6533 in North America or 1-614-447-3698,  
worldwide, or send an e-mail to [help@cas.org](mailto:help@cas.org) for further assistance or to  
receive a credit for any duplicate searches.

=> s ethylene oxide gas/cn

L1 0 ETHYLENE OXIDE GAS/CN

=> s ethylene oxide/cn

L2 1 ETHYLENE OXIDE/CN

=> d

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS

RN 75-21-8 REGISTRY

CN Oxirane (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Ethylene oxide (8CI)

CN Ethyleneoxy (6CI)

OTHER NAMES:

CN 1,2-Epoxyethane

CN 12/88

CN Ciba-Geigy 9138  
CN Dihydrooxirene  
CN Dimethylene oxide  
CN Epoxyethane  
CN Ethene oxide  
CN ETO  
CN Mirror Ox  
CN Oxacyclopropane  
CN Oxane  
CN Oxidoethane  
CN Oxirene, dihydro-  
CN Oxyfume  
CN Oxyfume 12  
CN T-Gas  
FS 3D CONCORD  
DR 19034-08-3, 37341-05-2, 99932-75-9, 184288-32-2  
MF C2 H4 O  
CI COM, RPS  
LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN\*, BIOBUSINESS, BIOSIS,  
BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN,  
CHEMCATS, CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DDFU,  
DETERM\*, DIPPR\*, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT,  
ENCOMPPAT2, GMELIN\*, HODOC\*, HSDB\*, IFICDB, IFIPAT, IFIUDB, IPA,  
MEDLINE, MRCK\*, MSDS-OHS, NAPRALERT, NIOSHTIC, PDLCOM\*, PIRA, PROMT,  
RTECS\*, SPECINFO, SYNTHLINE, TOXCENTER, TOXLIT, TRCTHERMO\*, TULSA,  
ULIDAT, USPAT2, USPATFULL, VETU, VTB  
(\*File contains numerically searchable property data)  
Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

12616 REFERENCES IN FILE CA (1967 TO DATE)  
2788 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
12625 REFERENCES IN FILE CAPLUS (1967 TO DATE)  
12 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

Connecting via Winsock to STN

Trying 3106016892...Open

Welcome to STN International! Enter x:x

LOGINID:ssspta1744mxc

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2	Sep 17	IMSworld Pharmaceutical Company Directory name change to PHARMASEARCH
NEWS	3	Oct 09	Korean abstracts now included in Derwent World Patents Index
NEWS	4	Oct 09	Number of Derwent World Patents Index updates increased
NEWS	5	Oct 15	Calculated properties now in the REGISTRY/ZREGISTRY File
NEWS	6	Oct 22	Over 1 million reactions added to CASREACT
NEWS	7	Oct 22	DGENE GETSIM has been improved
NEWS	8	Oct 29	AAASD no longer available
NEWS	9	Nov 19	New Search Capabilities USPATFULL and USPAT2
NEWS	10	Nov 19	TOXCENTER(SM) - new toxicology file now available on STN
NEWS	11	Nov 29	COPPERLIT now available on STN
NEWS	12	Nov 29	DWPI revisions to NTIS and US Provisional Numbers
NEWS	13	Nov 30	Files VETU and VETB to have open access
NEWS	14	Dec 10	WPINDEX/WPIDS/WPIX New and Revised Manual Codes for 2002
NEWS	15	Dec 10	DGENE BLAST Homology Search
NEWS	16	Dec 17	WELDASEARCH now available on STN
NEWS	17	Dec 17	STANDARDS now available on STN
NEWS	18	Dec 17	New fields for DPCI
NEWS	19	Dec 19	CAS Roles modified
NEWS	20	Dec 19	1907-1946 data and page images added to CA and Caplus
NEWS	21	Jan 25	BLAST(R) searching in REGISTRY available in STN on the Web
NEWS	22	Jan 25	Searching with the P indicator for Preparations
NEWS	23	Jan 29	FSTA has been reloaded and moves to weekly updates
NEWS	24	Feb 01	DKILIT now produced by FIZ Karlsruhe and has a new update frequency
NEWS	25	Feb 19	Access via Tymnet and SprintNet Eliminated Effective 3/31/02
NEWS EXPRESS			February.1 CURRENT WINDOWS VERSION IS V6.0d, CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP), AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS INTER			General Internet Information
NEWS LOGIN			Welcome Banner and News Items
NEWS PHONE			Direct Dial and Telecommunication Network Access to STN
NEWS WWW			CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*



FILE 'HOME' ENTERED AT 13:41:28 ON 20 FEB 2002

=> file registry

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.15

0.15

FILE 'REGISTRY' ENTERED AT 13:41:49 ON 20 FEB 2002

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STRUCTURE FILE UPDATES: 19 FEB 2002 HIGHEST RN 393780-00-2

DICTIONARY FILE UPDATES: 19 FEB 2002 HIGHEST RN 393780-00-2

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when  
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=> s ethylene oxide gas/cn

L1 0 ETHYLENE OXIDE GAS/CN

=> s ethylene oxide/cn

L2 1 ETHYLENE OXIDE/CN

=> d

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS

RN 75-21-8 REGISTRY

CN Oxirane (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN **Ethylene oxide** (8CI)

CN Ethyleneoxy (6CI)

OTHER NAMES:

CN 1,2-Epoxyethane

CN 12/88

CN Ciba-Geigy 9138  
 CN Dihydrooxirene  
 CN Dimethylene oxide  
 CN Epoxyethane  
 CN Ethene oxide  
 CN ETO  
 CN Mirror Ox  
 CN Oxacyclopropane  
 CN Oxane  
 CN Oxidoethane  
 CN Oxirene, dihydro-  
 CN Oxyfume  
 CN Oxyfume 12  
 CN T-Gas  
 FS 3D CONCORD  
 DR 19034-08-3, 37341-05-2, 99932-75-9, 184288-32-2  
 MF C2 H4 O  
 CI COM, RPS  
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN\*, BIOBUSINESS, BIOSIS,  
 BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN,  
 CHEMCATS, CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DDFU,  
 DETHERM\*, DIPPR\*, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT,  
 ENCOMPPAT2, GMELIN\*, HODOC\*, HSDB\*, IFICDB, IFIPAT, IFIUDB, IPA,  
 MEDLINE, MRCK\*, MSDS-OHS, NAPRALERT, NIOSHTIC, PDLCOM\*, PIRA, PROMT,  
 RTECS\*, SPECINFO, SYNTHLINE, TOXCENTER, TOXLIT, TRCTHERMO\*, TULSA,  
 ULIDAT, USPAT2, USPATFULL, VETU, VTB  
 (\*File contains numerically searchable property data)  
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 (\*\*Enter CHEMLIST File for up-to-date regulatory information)



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 2788 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 12625 REFERENCES IN FILE CAPLUS (1967 TO DATE)  
 12 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s polyolefin/cn  
 L3 0 POLYOLEFIN/CN

=> s polyolefin  
 115 POLYOLEFIN  
 2 POLYOLEFINS  
 L4 115 POLYOLEFIN  
 (POLYOLEFIN OR POLYOLEFINS)

=> d

L4 ANSWER 1 OF 115 REGISTRY COPYRIGHT 2002 ACS  
 RN 392235-44-8 REGISTRY  
 CN **TM 201 (polyolefin) (9CI)** (CA INDEX NAME)  
 OTHER NAMES:  
 CN TM 201  
 MF Unspecified  
 CI PMS, MAN

PCT Manual registration  
SR CA  
LC STN Files: CAPLUS

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)